

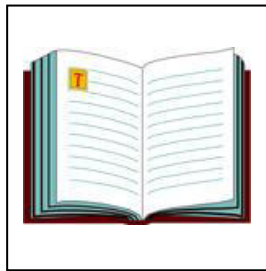
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INSTRUCTIONS FOR USE DRIVING GRINDING MACHINE



■ PLEASE BE SURE TO READ THIS MANUAL
BEFORE STARTING YOUR OPERATION

S-J24



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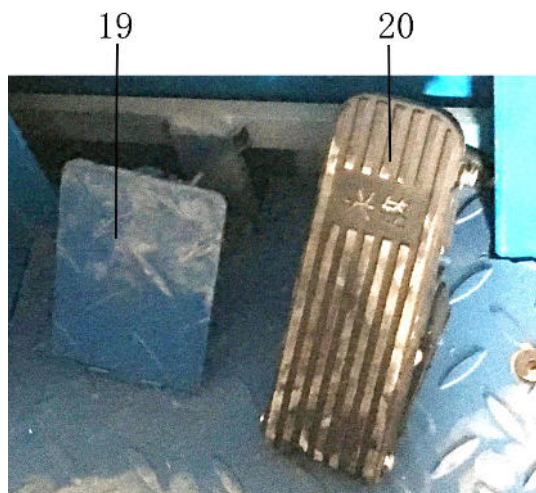
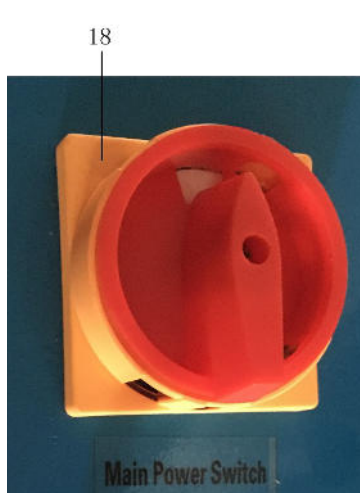
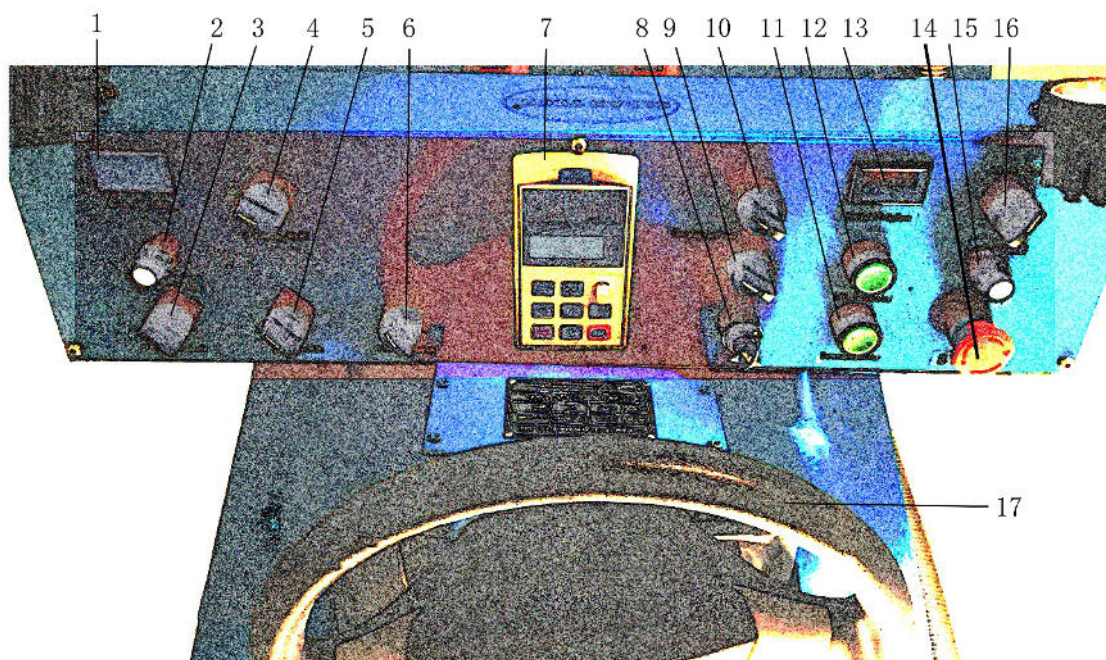
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— Parts Description Picture

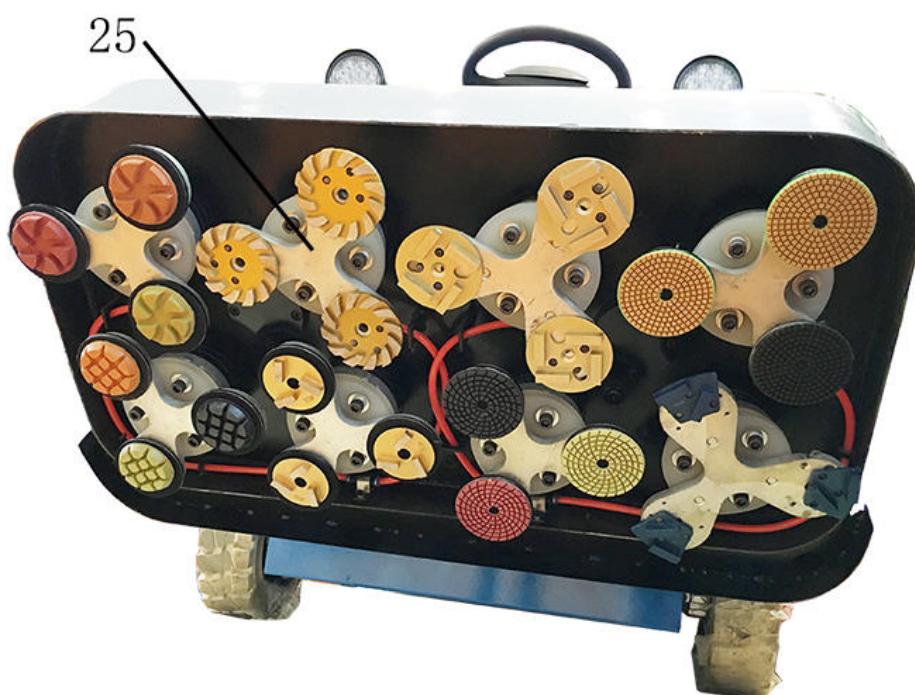


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- 1- Electrical QTY-Walk (Screen showing the charging electrical quantity for walking)
- 2- Uniform-Velocity Walking (Control the machine walk in one speed)
- 3- Forward/Back (Control the machine walk forward or back)
- 4- Charging-Walk (Switch for charging the battery for walking, after the machine connecting the 380V electric, turn on the switch for charging about 2-3 hours, turn off the switch until electric quantity is full, please don't charge too long; Charging again when uses out of the electric.)
- 5- Led switch
- 6- Water switch
- 7- Inverter panel
- 8- Key lock (Turn on it with the key, then you could drive the machine)

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- 9/10- Charging-Up/Down (Turn on the two switch to charge it with electricity for up and down the chassis.
- 11-Down (Chassis)-Press this button to let the chassis down
- 12-Up (Chassis) - Press this button to let the chassis up
- 13-Electrical QTY-Up/Down-(Screen showing the charging electrical quantity for up and down the chassis)
- 14-Stop (Urgent stop the machine once something happen)
- 15-Motor Speed (Control the speed of grinding)
- 16-Motor Switch (Turn on it for starting the machine for grinding)
- 17-Steering Wheel
- 18-Main power switch (Turn on the switch firstly when you are ready to grinding)
- 19-Brake Pedal
- 20-Accelerator Pedal
- 21-220V Socket (Use for charging your mobile phone or something else)
- 22-380V Socket (For connecting the power for grinding)
- 23-Water Inlet
- 24-Vacuum Switch
- 25-Grinding plate (Total 8pcs)

二. Function and feature

- The products are specialized for marble, granite, artificial stone, waterstone etc. stone floor, they are the advanced construction equipment specialize in renewing, grinding, polishing the floor. They are high in efficiency and low in labor intensity.
- Simple operation, good construction effect, aesthetic, durable, low rate damage and humanistic operation.
- It could separate the front grinding chassis from the machine.

三. Transport Instruction

It could drive without connecting the electricity when the storage battery has electric.

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四. Specification Table

Model	S-J24	
Power	7.5HP*2/5.5KW*2	
Voltage	380V	
Inverter	20HP/15KW	
Speed	0-1500 rpm	
Grinding discs	8pcs (24 discs)	
Work width	1050*550 mm2	
Water tank	With	
Vacuum Voltage (V/Hz)	Three phase 380V/50Hz	
Vacuum Power (Kw)	5.5	
Vacuum (mmH2O)	3000	
Air flow(m3/h)	530	
Noise dB(A)	72±2	
Inlet (inch)	3inches	
Filter area (m ²)	Filter bag	2.4
	Filter cartridge	2*3
Protection level	IP54	

五. Operation instruction

1. The machine with storage battery, it could walk without connecting the electric power.
Insert the key into the key lock to turn on it, then press the accelerator lightly to start the machine. If the electric is use out, please connect the electric power (380V), turn on the Charging-Walk switch to start charging electricity. (Charging about 2-3 hours, then turn off the switch until electric quantity is full, please don't charge too long, 2-3 hours is enough)
2. Install the pads and discs on the grinding plate. Machine must be stopped grinding when install the pads and discs):
 - A. Press Up (Chassis) button to raise the grinding plate for installing the pads discs.
 - B. Press Down (Chassis) button to put down the grinding plate for grinding floor.
3. Add water:

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Turn on the Water switch to add water when you need during grinding.(If you don't need add water, please don't turn on the water switch. The industry vaccum is only for dry, if you add water, please don't use the vaccum.)

4. Operation:

- A. Connect the machine with cable, and then connect the cable with electric power.
- B. Turn on the Main power switch, turn on the Vacuum Switch if you want to use the vacuum.
- C. Make sure the grinding plate put down on the surface of floor.
- D. Adjust the Motor Speed into a low speed.
- E. Turn on the Motor switch to let the machine start grinding, then adjust the speed into what you need.
- F. If you want to let the machine walk while grinding, insert the key into the key lock to turn on it.
- G. Turn on the Forward/Back switch to decide you want it walk forward or back.
- H. Press the accelerator lightly to start the machine.
- I. Adjust the Uniform-Velocity Walking switch to let the machine walk in a fixed speed.
- J. Press the Brake Pedal lightly to stop the machine walking.
- K. Turn off the Motor switch to stop grinding or press the stop switch.
- L. Press the Stop switch if something unusual happen.
- M. Turn on the Led switch when you work at night or in dark place.

六. Attention for using

Warning: To safely use the machine, please take care and comply with below mention; Don't let person who can't understand or operate incorrectly to operate; Take the instructions with machine often. For safety problem, if the machine use multifunction plate which with magnetic, you'd better change the magnet every half year.

1. Before operation

- A. Under the condition of rainy outside, wet place and place where the water and oil easily

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B. come into the interior of machine please don't use the machine utterly to avoid getting an electric shock accident.

C. Before operation, please confirm: Any damage for wire, combination of the switch, tightness of the plug, the fix condition of all parts snail; Type of grinding pads, condition of the wear and tear and so on.

D. This machine is used for grinding machine-finishing, especially can't use in the very irregularity ground, if use it, abnormal shake come up is reason of machine starting to break down. And when use in the very rugged ground, the machine will lose balance, and result in the accident.

2. Wire connect

No matter the power supply is three phase 380V high voltage or 220V frequency conversion equipment, the connection of power supply and wire please follow below attention to make sure utterly don't get an electric shock accident.

A. Person who connects the power supply and wire, wiring and earthing must get the certificate of electrical equipment operation.

B. Person who connects the power supply and wire, wiring and earthing must wear the insulated rubber glove, and turn off the power supply after operation.

C. While use the naked transfer socket of standard accessories, to avoid getting an electric shock accident must assuredly connect the ground wire well.

3. Operation

A. While operation, to keep safe must wear safety helmet and safety shoes, in addition, use veil and earplug according the operation condition.

B. Non-against exploding construction, so absolutely don't put the tinder of petrol, thinner and gas etc beside.

C. Regarding the noise, please comply with relative rules in local, don't incommode around.

D. Absolutely don't touch the motor when operate, otherwise it's easy to scald; don't touch the whet heads, it's very hot too.

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E. Expendable such as grinding pads use our products or the appointed products by our company, danger of damaging the capability of machine and disrepair etc if use other products, badly it will injure operator's body.

So the accident happen when use other company's accessories, it not belong the range of product quality.

F. If find bad runnings, and usual condition during using the machine, stop operating shortly, examine and repair it after confirming the safety.

7. Damage, bad operation check

ATTENTION: Please let people who get certificate of electrical equipment operation confirm power supply, check, adjust and repair the wiring and electric motor parts.	
Checking place	Relevant solution
1. If power supply for the machine is correct and accordant	1. Confirm if the power supply with power 2. If the circuit is lack of phase 3. Power above 16A
Attention: Suppose the power supply is 380V, if has problem of lack phase, the motor will burn out in 1.7 minutes. Its lack of phase in construction place, not the machine problem, it's out of warranty.	
2. If connection of power supply wire is correct	Please confirm the rubber socket and naked wire socket are assuredly connect well with the connect panel, power supper plate.
Attention: In condition of "naked wire socket" connection, once the ground wire and line wire connect, it will become single phase, so the electric motor can't startup. (With frequency conversion equipment, switch for preventing creep age will start aside sometimes	
3. If the fuse of power supply burn out	Short circuit and overload cause the fuse burn out, take out the fuse, replace new fuse after confirming the safety.
4. If the guard equipment of creepage startup (non frequency conversion machine)	Naked wires connect incorrectly, check the wire, find the reason and solve it, then press the switch.
5. Motor and switch damage	Once keep working under the usual over load condition, the touch point of switch and motor will burn out, please confirm if the switch touch point and motor (blades part) run.
6. If the connect point loosen, and wiring cutoff	1. Power line pull badly will cause inner wire cutoff. 2. Please confirm by power on test. 3. Don't connect by resolution using the naked rubber plug, when connect the power supply plate. 4. Please confirm the assembly for rubber plug wire is correct.

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八. Daily check and maintenance and regular Maintenance

To use the machine under the good condition, please take careful check and use the machine under the good condition, please take careful check and maintenance as below.

Checking time Checking items	Working day	Use 20 hours	Use 50 hours	Use 150 hours	Use 300 hours
1、 Clean all parts and the check and maintenance of the fastener	Check				
2、 Check the connection of grinding pads	Check				
3、 The check and maintenance of the bottom disc	Check				
4、 Check the wire and plug	Check				
5、 Check the electric equipment of electric motor switch etc		Check			
6、 Check and replace the velcro				Replace	
7、 Check and adjust the elasticity of conveyor belt and replace			Check		Replace
8、 Overhaul and maintenance					*Check

For safety problem, if the machine use multifunction plate which with magnetic, you'd better change the magnet every half year.

Remarks: Where the check and replacement mark with "*" all need the conduct of expertise, so please contact with our technical department.